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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/725,929	12/03/2003	Chiyoko Matsumi	MTS-3580US	4475
52473	7590	12/19/2006		
RATNERPRESTIA P.O. BOX 980 VALLEY FORGE, PA 19482			EXAMINER PYO, MONICA M	
			ART UNIT	PAPER NUMBER
			2161	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	12/19/2006	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/725,929	Applicant(s) MATSUMI ET AL.	
	Examiner Monica M. Pyo	Art Unit 2161	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 September 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3 and 5-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 3 and 5-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>5/11/06</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This communication is responsive to the Amendment filed 9/11/2006.
2. Claims 1, 3 and 5-21 are currently pending in this application. Claims 1 and 9-14 are independent claims. In the Amendment filed 9/11/2006, claims 2 and 4 are cancelled, claims 1, 3 and 5-17 are amended and claim 21 is added. This action is made Final.

Information Disclosure Statement

3. The information disclosure statement (IDS) submitted on 5/11/2006 was filed and considered by the Examiner. The Examiner was able to retrieve following documents by using 2001/0026504 by NONAKA et al., 2002/0164152 and 2003/0103604 by KATO et al.

Specification

4. The specification amendment received on 9/11/2006. The changes are acknowledged and therefore, the specification objections made in a prior Office Action are withdrawn.
5. Claims 1, 6, 7, 9-14 are objected to because of the following informalities:

The specification is objected to as failing to provide proper antecedent basis for the claimed subject matter. See 37 CFR 1.75(d)(1) and MPEP § 608.01(o). Correction of the following is required:

Regarding claims 1, 6, 7, 9-14, these claims recite the limitation "location indicator". There is insufficient antecedent basis for this limitation.

Claim Objections

6. The claim amendment received on 9/11/2006. The changes are acknowledged and therefore, the claim objections made for Claims 4 and 9 in a prior Office Action are withdrawn.

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7. Claim 8 is remained to be objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claims 1 and 3. See MPEP § 608.01(n). Accordingly, the claim 8 is not been further treated on the merits.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. Claims 1, 3 and 9-20 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,282,362 issued to Murphy et al. (hereinafter Murphy).

Regarding claim 1, Murphy discloses a recording and reproducing system, comprising:

A). **a record medium for holding a plurality of data files**, as the IRD180 stores the digital object image data files (Murphy: col. 9, lns. 22-38);

B). **a recording apparatus including a parameter extractor for extracting parameter information associated with each of the plurality of data files and recording the parameter information in the record medium as a parameter information file, the parameter information file including a location indicator and reproduction parameters for each of the plurality of data files**, as the recording of the system position at the time of capture and recording of the object image for the playback unit (Murphy: col. 9, lns. 39-col. 10, lns. 12);
and

C). a reproducing apparatus including a data reproducer for reproducing one of the plurality of data files by using the corresponding location indicator and the corresponding reproduction parameters in the parameter information file, as the playback unit utilizing the position data L, the time T_i and the index number N (Murphy: col. 10, lns. 1-21).

Claims 9-20 are also rejected based upon the same reasoning as claim 1.

Regarding claim 3, Murphy discloses the recording and reproducing system wherein the parameter information that is associated with each of the plurality of data files is stored in a predetermined location, said parameter extractor obtains said parameter information from the predetermined location (Murphy: col. 9, lns. 22-37; col. 16, lns. 40-52).

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. Claims 5-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy as applied to claims 1, 3 and 9-20 above, in view of International Publication No. WO 02/41319 by Hancock (hereinafter Hancock).

Regarding claim 5, Murphy discloses the recording and reproducing system wherein each of said plurality of data files is given by using an order corresponding to a stored order of the

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parameter information that is associated with each of the plurality of data files in the parameter information file (Murphy: col. 10, lns. 22-54).

Murphy does not explicitly disclose: a unique data file ID.

However, Hancock discloses: a unique data file ID (Hancock: pg. 13, lns. 1-13)

It would have been obvious to a person in a person with ordinary skill in the art at the time of invention to apply the recording a digital media format of Hancock in the digital recording and display system of Murphy. Skilled person would have been motivated to combine the Hancock's teaching of recording digital media format with a unique file ID in the Murphy's teaching of geo-addressed location images or sequences of images may be recorded and accessed for use to better resize and view any desired image with it's unique file Ids (Murphy: col. 7, lns. 28-56).

Regarding claim 6, Murphy and Hancock disclose the recording and reproducing system wherein said location indicator and said reproduction parameters for each of the plurality of data files are provided in the parameter information file by using said respective unique data file Ids (Murphy: col. 10, lns. 22-54) and (Hancock: pg. 13, lns. 1-13).

12. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy as applied to claims 1, 3 and 9-20 above, in view of U.S. Patent No. 6,665,690 issued to Kimura et al. (hereinafter Kimura).

Regarding claim 7, Murphy discloses the recording and reproducing system wherein said parameter information file stores the location indicator and the reproduction parameters (Murphy: col. 9, lns. 22-38 and 45-67).

Murphy does not explicitly disclose: by using a classification according to a type of data.

However, Kimura discloses: by using a classification according to a type of data (Kimura: col. 4, lns. 58-col. 5, lns. 12).

It would have been obvious to a person in a person with ordinary skill in the art at the time of invention to apply the Kimura's type of data for file storing system in the digital recording and display system of Murphy. Skilled person would have been motivated to combine the Hancock's teaching of recording different types of data in the Murphy's teaching of geo-addressed location images or sequences of images may be recorded and accessed for use to better correspond to the length of the allocation extents (Kimura: col. 1, lns. 51-65).

13. Claims 8 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy as applied to claims 1, 3 and 9-20 above, in view of U.S. Patent Application Publication No. 20030012549 by Ohnuma (hereinafter Ohnuma).

Regarding claim 8, Murphy discloses the recording and reproducing system wherein said parameter extractor extracts information associated with each of the plurality of data files and records information in the record medium as information file (Murphy: col. 9, lns. 22-38 and 45-67; col. 10, lns. 22-54).

Murphy does not explicitly disclose: a meta-data,

However, Ohnuma discloses: a meta-data (Ohnuma: [0048-0049]; [0090]).

It would have been obvious to a person in a person with ordinary skill in the art at the time of invention to apply the Ohnuma's recording and utilizing meta-data information in the digital recording and display system of Murphy. Skilled person would have been motivated to combine the Ohnuma's teaching of registering meta-data information in the Murphy's teaching of geo-addressed location images or sequences of images may be recorded and accessed for use to utilize specific contents of the meta-data information (Ohnuma: [0033]).

Regarding claim 21, Murphy and Ohnuma disclose the recording and reproducing system wherein the data reproducer reproduces the one of the plurality of data files without analyzing the plurality of data files (Murphy: col. 9, lns. 22-38; col. 10, lns. 22-54) and (Ohnuma: [0093-0094]).

Response to Arguments

14. Applicant's arguments with respect to claims 1-21 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

15. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

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will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

16. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Monica M. Pyo whose telephone number is 571-272-8192. The examiner can normally be reached on Mon-Fri 6:30 - 3:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on 571-272-4146. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Monica M Pyo
Examiner
Art Unit 2161

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11/26/06


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SUPERVISORY PATENT EXAMINER